



Wood Shingle or Shake Application

CITY OF LONG BEACH PLANNING & BUILDING DEPARTMENT
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INFORMATION (562) 570-6651 FAX (562) 570-6753

NEW WOOD SHINGLE OR SHAKE ROOF

Flashing: All wall to roof intersections shall have 1" x 4" backing installed for "Z" Bar flashing. Step counter flashing shall be installed where the "Z" Bar flashing slopes with the roof. "L" metal counter flashing shall be installed where the roof slopes away from the "Z" Bar flashing. All projections through the roof shall be flashed with roof jacks or other approved flashing.

Deck Requirement: Shingles and shakes shall be applied to roof with solid or spaced sheathing. When spaced sheathing is used, sheathing boards shall not be less than 1 inch by 4 inch nominal dimensions and shall be spaced on centers equal to the weather exposure to coincide with the placement of the fasteners. When 1 inch by 4 inch spaced sheathing is installed at 10 inches on center, additional 1 inch by 4 inch boards must be installed between the sheathing boards.

Interlayment for wood shingles: No requirements.

Interlayment for wood shakes: Install one 18 inch wide interlayment (felt laid between each course) of Type 30 felt shingle between each course in such a manner that no felt is exposed to the weather below the shake butts and in the keyways between the shakes.

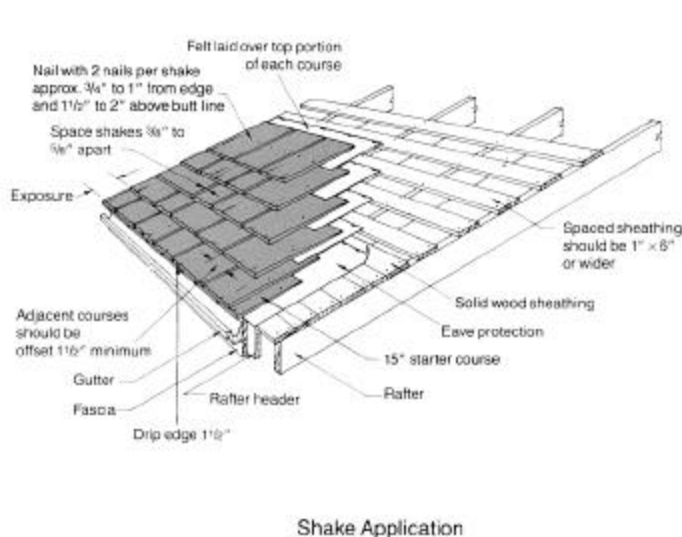
Underlayment for shingles and shakes: No requirements.

Fasteners for wood shingle: Corrosion resistant nails, minimum No. 14-1/2 gage 7/32 inch head. Fasteners shall be long enough to penetrate into the sheathing $\frac{3}{4}$ inch or through the thickness of the sheathing, whichever is less. There must be a minimum 2 fasteners per shingle.

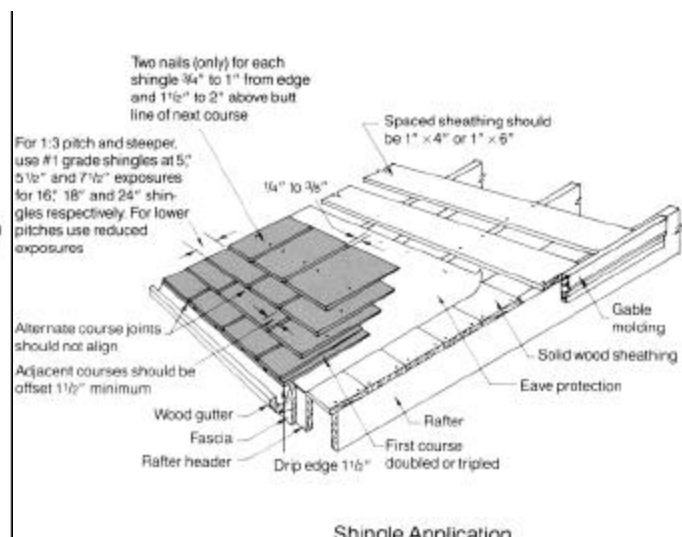
Fasteners for wood shakes: Corrosion resistant nails, minimum No. 13 gage 7/32 inch head. Fasteners shall be long enough to penetrate into the sheathing $\frac{3}{4}$ inch or through the thickness of the sheathing, whichever is less. There must be a minimum 2 fasteners per shake.

Installation of wood shingles: Shingle shall be laid with a side lap of not less than 1-1/2 inches between joints in adjacent courses. Spacing between shingles shall be approximately $\frac{1}{4}$ ". Each shingle shall be fastened with two nails only, positioned approximately $\frac{3}{4}$ inch from each edge and approximately 1 inch above the exposure line. Starter course at the eaves shall be doubled.

Installation of wood shakes: Shakes shall be laid with a side lap of not less than 1-1/2 inches between joints in adjacent courses and not in direct alignment in alternate courses. Spacing between shingles shall be approximately $\frac{3}{8}$ inch nor more than $\frac{5}{8}$ inch except for preservative-treated wood shakes which shall have a spacing of not less than $\frac{1}{4}$ inch nor more than $\frac{3}{8}$ inch. Each shingle shall be fastened with two nails only, positioned approximately 1 inch from each edge and approximately 2 inches above the exposure line. Starter course at the eaves shall be doubled.



Shake Application



Shingle Application

WOOD SHINGLE OR SHAKE APPLICATION

This information is available in an alternative format by request to the Development Services Center at (562) 570-6651 or (562) 570-6793 TDD - Visit our website at www.ci.long-beach.ca.us/plan

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